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MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

U65S SINGLE SERIES

Jameco Part Number 221444 (U65S107-P2JU)

.UNIVERSAL AC INPUT/FULL RANGE	.OVER VOLTAGE PROTECTION
.IEC320-C14(3PIN INLET)	.SHORT CIRCUIT PROTECTED
.LED INDICATION FOR POWER ON	.100% FULL LOAD BURN-IN TEST
.WITH AC ON-OFF SWITCH(OPTIONAL)	.3~48V OUTPUT(OPTIONAL)
.FULLY ENCLOSED PLASTIC CASE	.APPROVALS:UL/CUL/TUV/CE
.100% FULL LOAD BURN-IN TEST	.1YEAR WARRANTY

ORDER NO. / SPECIFICATION	U65S105-yyy	U65S106-yyy	U65S107-yyy	U65S108-yyy	U65S109-yyy	U65S111-yyy
SAFETY MODEL NO.	SPU65-105	SPU65-106	SPU65-107	SPU65-108	SPU65-109	SPU65-111
DC OUTPUT VOLTAGE	12V	15V	18V	24V	27V	48V
OUTPUT V. TOLERANCE	±5%	±4%	±3%	±3%	±3%	±3%
OUTPUT RATED CURRENT	6.66A	5.33A	4.44A	3.33A	2.96A	1.66A
OUTPUT CURRENT RANGE	0-6.66A	0-5.33A	0-4.44A	0-3.33A	0-2.96A	0-1.66A
RIPPLE & NOISE	100mVp-p	100mVp-p	120mVp-p	150mVp-p	180mVp-p	240mVp-p
LINE REGULATION	±1%	±1%	±1%	±1%	±1%	±1%
LOAD REGULATION	±5%	±4%	±3%	±3%	±3%	±3%
MAX. DC OUTPUT POWER	80W	80W	80W	80W	80W	80W
EFFICIENCY	75%	76%	77%	78%	80%	81%

DC VOLTAGE ADJ.	FIXED
INPUT VOLTAGE RANGE	95~264VAC, 47~63Hz
AC CURRENT	1.9A/100VAC
INRUSH CURRENT	COLD START < 40A PEAK/230VAC
LEAKAGE CURRENT	<0.75mA/240VAC
OVERLOAD PROTECTION	HICCUP MODE; AUTO RECOVERY
OVER VOLTAGE PROTECTION	110%~140% OF RATED OUTPUT VOLTAGE
TEMP. COEFFICIENT	±0.03% / ℃ (0~50℃)
SETUP,RISE,HOLD UP TIME	800ms, 50ms, 16ms AT FULL LOAD AND 230VAC
VIBRATION	10~500Hz, 2G 3AXES 10min. / 1cycle (1 HOUR / EACH AXES)
WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC FOR 1MINUTE
ISOLATION RESISTANCE	I/P-O/P,I/P-FG: 100M Ohms min. @ 500VDC
WORKING TEMP., HUMIDITY	0℃~+25℃ @ 100% LOAD,40℃ @ 60% LOAD, 20%~90% RH
STORAGE TEMP., HUMIDITY	-20℃~+85℃, 10%~95% RH
DIMENSION	168*78.5*44.5mm (L*W*H)
WEIGHT; Q'TY/CARTON	0.75Kgs; 20PCS/CARTON
SAFETY STANDARDS	UL1950,TUV EN60950 APPROVED
EMC STANDARDS	EN55022 CLASS B, EN61000-4-2,3,4,5,6,8,11 VERIFICATION
LENGTH OF OUTPUT CABLE	180cm OF SPT-1, 18AWG*2C
PLUG OF DC OUTPUT	STANDARD PLUG P2J : 2.1¢*5.5¢*11mm CENTER POSITIVE yyy:TO BE DEFINED BY OUTPUT CABLE AND CONNECTOR

NOTE:
1. ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25℃ 70% RH. AMBIENT.
2. TOLERANCE: INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
3. RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
4. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
5. LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.

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